

ABSTRACT OF THE DISCLOSURE

5 A method for providing alternating current electric power to a power
consuming device includes moving a first line switch and a second line switch
of a switch assembly from open circuit positions to closed circuit positions in a
non-simultaneous manner to complete the electrical circuit between the power
consuming device and an alternating current power source to avoid harmful
sparks. The first line switch and second line switch are respectfully conductively
10 coupled to first and second lines of the electric circuit so that when the first and
second line switches are moved to their open circuit positions, no power drain
is experienced. A shield may also be disposed between the first line switch and
the second line switch for preventing magnetic induction of current.